**ADVERTISEMENT NO: R&D/881/RQC/306 DATED: 21.09.2023**

Project No.  **R&D/SP/PHY/RQC/2023-24/881**

Applications are invited in the prescribed format only for the following assignment in a purely time bound research project undertaken in this institute.

1. (a) Name of the temporary assignment : Research Associate

(b) Number of Post : 01

(c) Duration of the Post : Initially for one year, may be extended for maximum 3 years or until the end of the project, whichever is earlier, depending on the satisfactory performance in the previous year(s).

2. Name of the temporary research project: “Realistic Exact Models for Quantum Logic Gate and Quantum Computation using Bose-Einstein Condensate”

3. Name of the sponsoring Agency: Science & Engineering Research Board

4. Consolidated Fellowship/Salary: Rs. 55,374 (Monthly, Consolidated)

5. Qualifications & Experience:

The candidate should have a PhD degree with significant research contribution (displayed by research publications in reputed international journals) in the theoretical area of Quantum Optics & Quantum Information/Bose-Einstein Condensate. Candidates with experience in the theoretical development of quantum information in Bose-Einstein condensate will be given preference.

**Interested candidate should send their resume and filled attached application form with supporting documents to the following e-mail id of the Principal Investigator** [**uroy@iitp.ac.in**](mailto:uroy@iitp.ac.in) **by mentioning the subject line of the email as “Application for RA under SERB Project”.**

Last date for receiving applications: **October 11th, 2023**

The eligible candidates will be called for an **INTERVIEW** on **October 18th, 2023 (Wednesday)**, tentativelyat 10 am, in the Meeting room, Dept. of Physics, IIT Patna, Bihta, Patna–801106 along with the original copies of all supporting documents (certificates, mark-sheets, and degrees). No TA/DA is admissible for appearing in the interview.

For any query contact Principal Investigator of the Project: **Dr. Utpal Roy, Dept. of Physics, IIT Patna, Email: uroy@iitp.ac.in**

**Deputy Registrar**

Copy to:

1. Associate Dean, R&D, IIT Patna
2. Advertisement file
3. Project file

**PROJECT CODE: R&D/SP/PHY/RQC/2023-24/881**

**ADVERTISEMENT NO: R&D/881/RQC/306 DATED: 21.09.2023 FORMAT OF APPLICATION FOR RESEARCH ASSOCIATE.**

| **Name & Address**  **Including email id and**  **Phone no.**  **(for Correspondence)** | | **Category**  (GEN/OBC/SC/ST/PD) | **DOB**  dd/ mm/yy | **Professional Exam. (GATE/CSIR-NET, etc) & Validity** | |
| --- | --- | --- | --- | --- | --- |
|
| **NAME IN CAPITAL**  Address:  Phone:  Email: | |  |  |  | |
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| **Educational Qualification** | | | | | |
| **Institute/ Board** | **Exam Passed** | | **Year of Passing** | | **% of Marks/CPI** |
|  | 10th Class | |  | |  |
|  | 12th Class | |  | |  |
|  | Bachelors (B.Sc/B.Tech/B.E./BCA)  or equivalent | |  | |  |
|  | Masters (M.Sc/M.Tech/M.E/MCA/MA)  or equivalent | |  | |  |

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| |  |  | | --- | --- | | **Qualifying degree** | **Degree/ major/Specialization** | | (B.Sc/B.Tech/B.E./BCA) |  | | (M.Sc/M.Tech/M.E/MA/MCA) |  | | Others |  | |  |

Signature of applicant

Date:

Place: